DRAFT

NIST Security Working Group (WG) Agenda

May 18, 2011

Time: 2:00pm ET
Duration: 1 hour.
USA Toll Free Number: 866-819-5964
Passcode: 5576521

The purpose of this meeting is to discuss and contribute to our new formulation of the goal (deliverable) of the security WG. The formulation is based on feedback received at earlier meetings.

Goal: Mitigate security impediments that may prevent adoption of cloud computing by Federal agencies.

Main Deliverable: A document, the "Security Impediments and Mitigations List". The document will contain a prioritized list of security impediments and, for each impediment, either a pointer to work that mitigates the impediment, or a description of approaches for mitigation.

Deliverables for other WGs: Security sections for the Reference Architecture document, the Business Use Cases, and the Standards WG roadmap document.

Deadlines for All Deliverables:

June 15, 2011 - first draft
subsequent versions approximately every 2 weeks as appropriate
Sep. 30, 2011 - final draft

Approach: NIST proposes an outline for the Security Impediments and Mitigations List. The WG nominates impediments and mitigations as necessary, critiques existing impediments and mitigations, and provides rationale for each. NIST maintains and guides the writing of the impediments list.

Outline:

Security Impediments and Mitigations List

The following security impediments have been captured from feedback on the cc_security@nist.gov email list. They are divided into two groups: process oriented, and focused technical.

1. Process Oriented

Problem	800-53-style control guides
Solution Space	FedRamp

Problem	cloud audit
Solution Space	CSA, FedRamp, SCAP, Continuous Monitoring

Problem	Certification and Accreditation

Solution Space	3rd party audits + Continuous Monitoring

Problem	negotiating SLAs -> Certification and Accreditation process needed; A&A
Solution Space	?

Problem	privacy and security compliance not defined
Solution Space	?

....more....

2. Focused Technical

Problem	lack of visibility for customer
Solution Space	3rd party audits + Continuous Monitoring

Problem	lack of control for customer
Solution Space	?

Problem	data protection
Solution Space	encrypt data wherever practical; replication; off-cloud backup; disaster recovery

Problem	account hijack (from CSA)
Solution Space	strong authentication, ?

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....more....

The meeting information will be available at: http://collaborate.nist.gov/twiki-cloud-computing/bin/view/CloudComputing/CloudSecurity.

The conference call will use the web conf tool at: http://webconf.soaphub.org/conf/room/cc_security